



U.S. Department
of Transportation

**Federal Aviation
Administration**

Facsimile Cover Sheet

To:
Company:
Phone:
Fax:
Company: FEDERAL AVIATION ADMINISTRATION
INTERNATIONAL FIELD OFFICE
RHEIN-MAIN AIR BASE, UNIT 7580
60549 FRANKFURT/MAIN

Phone: 0049-69-697050
Fax: 0049-69-69705150

Date:
**Pages including this
cover page:** 10

Comments: Enclosed you will find the requirements for your authorization to test for the Airframe and Powerplant (A&P) license. Please be sure you meet all of the requirements listed in this handout, prior to making an appointment to see an FAA Inspector. (Take particular note of the FAR 65.3 requirement for need.)

We hold A&P authorization appointments on the first Tuesday of each month. Please call in advance to assure an appointment is available for you. You will be required to pay a \$40.00 fee for each authorization you apply for (i.e., \$40.00 for the Airframe and \$40.00 for the Powerplant and \$40.00 for the General).

All of the FAA testing is now done at computer testing centers throughout Europe, therefore, you will have to make test arrangements directly. (Contact numbers are provided on the CTDA list.)

PLEASE MAKE A SPECIAL NOTE OF THE AREAS IN THE INFO PACK THAT I HAVE ASTERISKS (****) BY.

******1. YOU MUST SHOW A NEED FOR THE AUTHORIZATION TO TEST!!**

******2. YOU MUST NOT BRING CASH TO THE REVIEWING INSPECTOR. WE CANNOT ACCEPT IT. (We can only accept checks, money orders and traveler's checks drawn on a US bank in US dollars.)**

If you have any questions, feel free to phone or fax me at the numbers above.



U.S. DEPARTMENT
OF TRANSPORTATION

**Federal Aviation
Administration**

INTERNATIONAL FIELD OFFICE
RHEIN MAIN AIR BASE UNIT 7580
60549 FRANKFURT/MAIN
GERMANY
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AIRFRAME AND POWERPLANT MECHANIC TEST INFORMATION HANDOUT

Dear Applicant:

This is in reference to your request for information regarding eligibility for authorization to take the written, oral and practical examinations for the FAA Airframe and/or Powerplant Mechanic Certificate. Please read and be familiar with Part 65 of the U.S. Federal Aviation Regulations (FARS). To be eligible, you must show documentation that you meet the requirements of FAR 65.77 to an FAA Airworthiness Inspector during a personal interview.

Please note that for a person who is **not a U.S. citizen or resident alien**, FAR 65.3 states: A person who is neither a U.S. citizen nor a resident alien is issued a certificate under subpart D of this part, outside the United States, only when the Administrator finds that the certificate is **needed** for the operation or continued airworthiness of **U.S.-registered** civil aircraft.

Applicants may make an appointment for interview (interviews are scheduled on the first Tuesday of each month) with the International Field Office to determine if you are eligible to test. Appointments should not be made unless you feel confident that you meet the requirements and have documentation to support the requested certificate(s). If the requirements are met a written test authorization will be issued. The knowledge test will be administered by a Computer Testing Designee. Once you have successfully passed the knowledge test(s) you will be required to pass an oral and practical exam administered by a Designated Mechanic Examiner. A list of designees will be provided when test authorizations are issued.

The FAA charges a fee to all applicants--both foreign national and U.S. citizens--for airman certification/approval actions performed outside the United States. The following pages contain information that should answer questions you may have. If you have any further questions concerning this matter please contact this office.

Sincerely,

Heather Raabe
Aviation Safety Clerk

Revised 09/17/99

AIRFRAME & POWERPLANT CERTIFICATE "INFO"

EXCERPTS FROM PART 65 OF THE FEDERAL AVIATION REGULATION (FAR)

SUBPARTS A & D

******1**

FAR 65.3 - A person who is neither a U.S. citizen nor a resident alien is issued a certificate under D of this part, outside the United States, only when the Administrator finds that the certificate is needed for the operation or continued airworthiness of U.S. registered civil aircraft.

FAR 65.11 (b) - An applicant who meets the requirements of this part is entitled to an appropriate certificate and rating.

FAR 65.17 (a) - Knowledge test authorizations (FAA Form 8060-7) are issued at the Frankfurt International Field Office, Building 7, Rhein Main Air Base (Main Gate Entrance on Autobahn 5A, 2 km south of the Frankfurt International Airport).

The knowledge test is given only by computer testing designees. (List of designees will be given after interview).

FAR 65.19 - An applicant who fails a knowledge , oral or practical test for a certificate or rating, or for an additional rating, under this part, may apply for retesting after 30 days from the date the applicant fails the test: or signed statement from an airman holding the certificate and rating sought by the applicant, certifying that the airman has given the applicant additional instruction in each subjects failed and that the airman considers the applicant ready for retesting.

FAR 65.71 (a) - To be eligible for a mechanic certificate and associated ratings, a person must:

- (1) Be at least 18 years of age;
- (2) Be able to read, write, speak and understand the English language.
- (3) Have passed all of the prescribed tests within a period of 24 months; and

(b) - A certificated mechanic who applies for an additional rating, must meet the requirements of paragraph 65.77 and, within a period of 24 months, pass the tests prescribed by paragraphs 65.75 and 65.79 for additional rating sought.

FAR 65.73 (a) - The following ratings are issued under this subpart:

1. Airframe
2. Powerplant

FAR 65.75 (a) - Each applicant for a mechanic certificate or rating must pass a knowledge test covering the construction and maintenance of aircraft appropriate to the rating he seeks, the regulation in this subpart, and the applicable provisions of Part 43 and 91. The basic principles covering the installation and maintenance of propeller are included in the powerplant test.

(b) - The applicant must pass each section of the test before applying for the skill tests prescribed in paragraph 65.79.

FAR 65.77 - Each applicant for mechanic certificate or rating must present to an FAA airworthiness inspector, either an appropriate graduation certificate or certificate of completion from a certified aviation maintenance technical school or documentary evidence, satisfactory to the administrator.

(a) - At least 18 months of practical experience with the procedures, practices, materials, tools, altering airframes, or powerplants appropriate to the rating sought; or

(b) - At least 30 months of practical experience concurrently performing the duties appropriate to both the airframe and powerplant ratings.

NOTE: All applicants claiming civil and/or military experience, as a basis for qualification, must have their experience evaluated and certified by an FAA airworthiness inspector before taking the required test.

Applicant must provide specific detailed documented evidence related to all work performed on either airframe or powerplant. This applies also for applicants whose military job code (MOS/AFSC) qualifies them for only one rating.

ADDITIONAL INFORMATION

(A) If U.S. military experience is used to qualify for Airframes and / or Powerplant ratings, the applicant must present the following documentation to the Frankfurt International Field Office.:

(1) Personnel records indicating length of service active in MOS/AFSC Codes. (DD 214, Air Force Forms 2096/623, Army Form 2-A, etc.).

(2) Maintenance Training Records, showing the type of aviation schools the applicant attended and/or a record of on-the-job training.

(3) Applicant must have a positive form of identification and a letter for the applicant's executive officer, maintenance officer, or classification officer that certifies the applicant's length of military service, the amount of time the applicant worked in each MOS, the make and model of aircraft and/ or engine on which the applicant acquired the practical experience, and where the experience was obtained.

Please remember that the time spent in training or in an MOS for supervision and/or inspection should not be counted toward the 18 or 30 months of practical experience required in FAR 65.77. Only actual hands-on experience is acceptable.

- (4) Letter from Commanding Officer or Supervisor attesting individual is active in MOS/AFSC. This letter can be combined with the transmittal letter referenced in item (3) above.

(B) **A foreign applicant** is required to meet the following additional requirements:

- (1) Proof that certificate is **needed** for the maintenance and continued airworthiness of **U.S.-registered** aircraft. (Letter from employer and the owner/operator of U.S.-registered aircraft to be maintained. Include aircraft make, model and U.S.-registration)
- (2) Positive identification (such as a passport) with photo, date of birth & signature. Foreign nationals must present personal identification of a type recognized internationally.
- (3) A signed and detailed statement of experience from their employer substantiating the specific type of maintenance performed, the duration and full time status of that employment. Records presented by foreign nationals must be originals and must be verified by appropriate foreign air authority, in writing.
- (4) A statement of experience verification obtained from a foreign airworthiness authority of the country in which the experience was gained or from an advisor of the International Civil Aviation Organization that will validate the applicant's experience.
- (5) Special attention - Foreign applicants who work full time at an FAA certified repair station may not qualify for airframe or powerplant rating as they are **not needed** to perform their duties at the repair station. (FAR 145.75 (b))

FAR 65.79 - Each applicant for mechanic certificate or rating must pass an oral and a practical test on the rating he seeks. The tests cover the applicant's basic skill in performing practical projects on the subjects covered by the knowledge test for that rating. An applicant for a powerplant rating must show the ability to make satisfactory minor repairs to, and minor alterations of, propellers.

Advisory Circular 187-1, Flight Standards Service Schedule of Charges Outside the United States, gives the following fees related to mechanic certification:

- (1) Authorizations for knowledge tests - **\$40 (each rating)**
- (2) Inspector review for all tests, approvals, ratings given by designated examiners and evaluators - **\$40**

******2**

The fee for item (1) above will be collected at the time of applicant interview at Frankfurt IFO and must be paid by a check or money order drawn on a U.S. bank, and made payable to the Federal Aviation Administration. The fee for item (2) above will be collected by the designee giving the test.

KNOWLEDGE EXAMINATIONS

The knowledge examinations are multiple choice type in which several possible answers are given. The entire Airframe examination or Powerplant examination must be taken at one sitting. However, the applicant need retake only the section or sections of the examination he failed.

	<u>Computer</u>
PART I General	1 1/2 hours
PART II Airframe (2 sections)	2 hours
PART II Powerplant (2 sections)	2 hours

An applicant for an Airframe or Powerplant mechanic knowledge test is not required to take the General section of the test, if he has:

- (A) A mechanic certificate with the alternate rating;
- (B) A knowledge test report of grade for the alternate rating that shows unexpired passing credit for the General section; oral or practical part of the mechanic rating if he can show he has previously passed it.
- (C) Taken the test for alternate rating but has received the report of grade.
- (D) An applicant is not required to take the General section of the oral.

SKILL EXAMINATIONS

The oral and practical test is given by a Designated Mechanic Examiner (DME). A reasonable fee may be charged. A mutual understanding and agreement of total fee to be charged should be reached before tests are begun. A list of DMEs will be provided, and the applicant will schedule testing directly with the DME of choice.

An applicant for an Airframe and /or Powerplant Certificate should be able to document experience in the majority of the listed subjects for the rating sought, as determined by the interviewing FAA airworthiness inspector for the following: (See Attachment "A")

ATTACHMENT "A" KNOWLEDGE TEST SUBJECT AREAS

I. GENERAL - Airframe and Powerplant

- A. Basic electricity
- B. Aircraft drawing
- C. Weight and balance
- D. Fluid lines and fittings
- E. Materials and procedures
- F. Ground operation and servicing
- G. Cleaning and corrosion control
- H. Mathematics
- I. Maintenance forms and records
- J. Basic physics
- K. Maintenance publication
- L. Mechanic privileges and limitations

II. AIRFRAME STRUCTURE

- A. Wood structures
- B. Aircraft covering
- C. Aircraft finishes
- D. Sheet metal structures
- E. Welding
- F. Assembly and rigging
- G. Airframe Inspection

III. AIRFRAME SYSTEMS & COMPONENTS

- A.
- B. Aircraft landing gear systems
- C. Hydraulic and pneumatic power systems
- E. Cabin atmosphere control systems
- F. Aircraft instrument systems
- G. Communication and navigation systems
- H. Aircraft fuel systems
- I. Aircraft electrical systems
- J. Position and warning systems
- Ice and rain control systems
- Fire protection systems

IV. POWERPLANT THEORY AND MAINTENANCE

- A. Reciprocating engines
- B. Turbine engines
- C. Engine inspection

V. POWERPLANT SYSTEMS & COMPONENTS

- A. Engine instrument systems
- B. Engine fire protection systems
- C. Engine electrical systems
- D. Lubrication systems
- E. Ignition systems
- F. Fuel metering systems
- G. Engine fuel systems
- H. Induction systems
- I. Engine cooling systems
- J. Engine exhaust systems
- K. Propellers

SUGGESTED REFERENCE AND STUDY MATERIAL

AP-IA BOOK STORE- <http://AP-IAbooks.com>

The following publications are excellent reference and study materials for preparation to take the written and oral tests for mechanic certification.

<u>Advisory Circulars</u>	<u>Titles</u>
43.13-1B	Acceptable Methods, Techniques and Practices - Aircraft Inspection and Repair
43. 13-2A	Acceptable Methods, Techniques - Aircraft Alterations
65-2D	Airframe and Powerplant Certificate Guide
65-9A	Airframe and Powerplant Mechanics General Handbook
65-11A	Airframe and Powerplant Mechanics Certification Information
65-12A	Airframe and Powerplant Mechanics Powerplant Handbook
65.15A	Airframe and Powerplant Mechanics Airframe Handbook
187-1	Flight Standards Service Schedule of Charges Outside the United States
*****	*****
FAA-T-8080-10B	Aviation Mechanic - General Question Book
FAA-T-8080-11B	Aviation Mechanic - Powerplant Question Book
FAA-T-8080-12B	Aviation Mechanic - Airframe Question Book

Federal Aviation Regulations and Publications are for sale by the:

Superintendent of Documents
U.S. Government Printing Office
Washington, D.C. 20402

Telephone: (202) 512-1800 FAX: (202) 512-2250

COMPUTER TESTING DESIGNEE ASSISTANTS (CTDA) (650) 259-8550

HELPFUL SIGHT: <http://AV-INFO.FAA.GOV>

GERMANY

AERO SHOP REMMERS

Muenchecke 2 Kaudauen
Germany

Telephone: (49) 02241-381007
Contact –

N-FLIGHT

c/o Eisenschmidt GmbH
Egelsbach Airport Bldg. 2
Egelsbach, Germany 63329
Telephone: (49) 06103488376
Fax: (49) 0611405941
*Only available Wednesdays and
Fridays

BELGIUM

DRAKE PROMETRIC

INGRAM MICRO TPD
Leuvensesteenweg 11
1932 Zaventem, Belgium
Telephone: (32) 2 7229 511
Contact - Marina Caeyberghs

DRAKE PROMETRIC

SOVEREIGN HOUSE
First Floor, 26-30
Twickenham
Great Britain TW1 3RW
Telephone: 0181 607 9090
Contact - Cheryl Silwood

FRANCE

DRAKE PROMETRIC

MGI
27 Rue De Lisbonne
Paris, France 75008
Telephone: (33) 1 42 89 31 22
Contact - Antoinne Serre

SAUDI ARABIA

DRAKE PROMETRIC

GULF STAR SYSTEMS
New Akariyah Building #305
Riyadh, Saudi Arabia 11573
Telephone: (966) 14628222
Contact - Khaled Al-Zeedi

SWITZERLAND

DRAKE PROMETRIC

COMICRO-NETSYS AG
Puenten 4
Zurich-Wangen Switzerland CH-8602
Telephone: (41) 1 835 7500
Contact - Manuela Benz

DESIGNATED MECHANIC EXAMINERS [DME]

NAME/ADDRESS	FIXED BASE OF OPERATION	CERTIFICATE NO.
SCHMIDT, ROSS Brueckenweg 10 63329 EGELSBACH GERMANY HP & FAX #: 0175-2747846 Mobile #: 0175-2747846	Mainz Finthen Airport (Old Army Airfield)	365584077

NOTE: WITHIN THE FEDERAL REPUBLIC OF GERMANY, DIAL ABOVE NUMBERS: OUTSIDE GRG,
PLEASE CONSULT WITH YOUR LOCAL TELEPHONE COMPANY FOR THE ACCESS CODE.